Tendinopathy Of Patella Shockwave study.

Gepubliceerd: 22-02-2011 Laatst bijgewerkt: 19-03-2025

N/A

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON25808

Bron
NTR

Verkorte titel
TOPSHOCK-study

Aandoening

Patellar tendinopathy, Jumper's knee, Shockwave therapy

Ondersteuning

Primaire sponsor: University Medical Center Groningen (UMCG)
Overige ondersteuning: University Medical Center Groningen (UMCG)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

VISA-P score.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale:

Patellar tendinopathy is a chronic overuse injury of the patellar tendon. Extracorporeal Shockwave Therapy is a relative new treatment modality for treating tendinopathies. Some years ago a new kind of shockwave therapy has been introduced: radial shockwave therapy that uses radial shockwaves. Studies that investigate the effectiveness of radial shockwave therapy as treatment for patellar tendinopathy are scarce.

Objective:

The aim of this study is to compare the effectiveness of focussed shockwave therapy and radial shockwave therapy as treatment for patellar tendinopathy.

Study design:

The TOPSHOCK study (Tendinopathy Of Patella SHOCKwave) is a two armed randomised controlled trial. The follow up period is 3 months.

Study population:

Subjects with patellar tendinopathy who visit a sports medicine physician, 18-50 years old with symptoms for over 3 months.

Intervention:

Patients receive three sessions of either focused shockwave therapy or radial shockwave therapy with a one week interval, both in combination with eccentric decline squat training.

Main study parameter:

The main outcome measure is the Dutch VISA-P questionnaire, that asks for pain, function and sports participation in subjects with patellar tendinopathy.

Doel van het onderzoek

N/A

Onderzoeksopzet

1. Pretreatment;

2. 1 week post treatment;

3. 4 weeks post treatment;

4. 7 weeks post treatment;

5. 12 weeks post treatment.

Onderzoeksproduct en/of interventie

Patients receive three sessions of either focused shockwave therapy or radial shockwave therapy with a one week interval, both in combination with eccentric decline squat training.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Male and female subjects with the following criteria are eligible for inclusion:

1. History of knee pain in patellar tendon or its patellar or tibial insertion in connection with training and competition;

2. Symptoms for over three months (to exclude acute inflammatory tendon problems and de novo partial ruptures);

3. Age 18-50 years old (to reduce the chance of other osteochondrotic diseases like Sinding-Larsen-Johanson, Osgood-Schlatter and osteoarthrosis);

4. Palpation tenderness to the corresponding painful area;

5. VISA score < 80.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Subjects must not be included if one of the following applies:

1. Acute knee or patellar tendon injuries;

2. Chronic joint diseases (including osteoartrosis);

3. Signs or symptoms of other coexisting knee pathology;

4. Contraindications for SWT (pregnancy, malignancy, coagulopathy);

5. Knee surgery or injection therapy with corticosteroids in the last preceding three months;

6. Daily use of drugs with a putative effect on patellar tendinopathy in the last year (e.g. non-steroid anti-inflammatory drugs, fluorchinolones) or actual use of anticoagulants.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Dubbelblind
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving gestopt
(Verwachte) startdatum:	01-05-2010
Aantal proefpersonen:	56
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies

Datum:	22-02-2011
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 34962
Bron: ToetsingOnline
Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL2646

Register	ID
NTR-old	NTR2774
CCMO	NL30637.042.09
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON34962

Resultaten

Samenvatting resultaten
N/A